



Date: December 18, 2018

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Marvin G. Williams, Director of Public Works
Subject: Contract ST-288B for Asset Management Plan for City-Maintained Bridge Structures with The Kercher Group, Inc.

Executive Summary

On May 4, 2018, the Department of Public Works issued a Request for Qualifications (RFQ) for the development of an Asset Management Plan (AMP) for City-Maintained Bridge Structures. The aim of the AMP is to review existing inventory data, develop short- and long-term maintenance and renewal strategies, and forecast future costs for capital budgeting. Staff subsequently selected and negotiated a scope and fee arrangement with The Kercher Group, Inc.

Recommendation

The Administration recommends that the City Council authorize the City Manager to execute a contract for ST-288B Asset Management Plan for City-Maintained Bridge Structures with The Kercher Group, Inc. in the amount not to exceed of \$495,841.00.

Background

In accordance with the City’s goal of providing stewardship of physical and environmental assets, the Public Works Department is developing Asset Management Plans. Plans are underway for Stormwater and Pavement assets. The aims of these plans are to review existing inventory data, develop short- and long-term maintenance and renewal strategies, and project future expected costs for capital budgeting. There are currently nine (9) bridge structures in the City for which NCDOT does not provide maintenance or repair, although an existing arrangement provides for biennial NCDOT inspection.

The project scope developed by The Kercher Group, Inc., will build a two-year program to integrate with the City’s other asset management efforts. Kercher will begin by examining the City’s scheduling and budget processes and auditing existing data fields. The next step will review data from NCDOT and City sources, develop a plan for City-executed bridge inspection and maintenance, and prepare a value engineering proposal to allow City staff to select a Bridge Management System product. The potential product could extend the functionality of existing software for inventory and decision-making processes, or recommend the selection and implementation of a commercially available product. The product would allow integration of forthcoming inspection reports and offer probabilistic analysis and recommendations for preservation options. Finally, Kercher will develop options to advise City staff about potential changes to the existing National Bridge Inspection Standards (NBIS) relationship with NCDOT. Kercher Group professionals will bill the City on an hourly-rate based for the tasks outlined in the contract.

Issues and Analysis

The City solicited RFQ packages from interested firms through the City’s Purchasing department website. Selection of The Kercher Group was the outcome of a qualification-based process. The tasks included in this contract are outside the capacity of City staff.

Alternatives

The City Council can choose not to proceed with ST-288B and redirect the funding to another project. However, this will preclude development of a program designed to care for physical assets, best utilize financial resources, and increase efficient decision-making.

Financial Impact

The funds for this project are being appropriated through the CIP process. Partial funding is currently available in FY19 and a CIP request has been made for the additional funding needed in FY20.

FY19 CIP Funds – Const:	3000L010-731002-LE502	\$267,500.00
FY20 CIP Funds – Const:	3000L010-731002-LE502	\$228,341.00
		Total= \$495,841.00

UBE Summary

The Equal Opportunity/Equity Assurance Department did not assign goals to this project. However, The Kercher Group, Inc. will subcontract to the following firms:

Firm	ID	City/State	Amount	% of Contract
Simpson Engineers & Associates, P.C.	MUBE	Cary, NC	\$35,559.00	7.17%

WORKFORCE STATISTICS

Total Workforce:

Employment Category	Total Employees	Total Males	Total Females
Project Manager	9	9	0
Professional	13	11	2
Technical	5	5	0
Clerical	2	0	2
Labor	0	0	0
Total	29	25	4

Male:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manager	9	0	0	0	0
Professional	8	1	0	2	0
Technical	5	0	0	0	0
Clerical	0	0	0	0	0
Labor	0	0	0	0	0
Total	22	1	0	2	0

Female:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manager	0	0	0	0	0
Professional	1	0	0	1	0
Technical	0	0	0	0	0
Clerical	2	0	0	0	0
Labor	0	0	0	0	0
Total	3	0	0	1	0